



Part of the Month

# November

## All CAD Formats:

Solidworks (sldprt, sldasm), AutoCAD (dwg, dxf), Inventor, Pro/E, CATIA 4/5, Unigraphics, Parasolid, ACIS SAT, iges, step, ckd, prt, stl

**Complete Assembly, Sheet Metal, Machined and Welded Components.**

- > ISO 9001 certified quality management system
- > Certified Welding to MIL-STD-1595a for process DTAW Group 1b, 1a
- > 100% in-process inspection
- > Certified inspection reports

### Problem:

How many times do the hour and minute hand form a 90-degree angle in the course of 12 hours?

- a) 24    b) 22    c) 48    d) 20



### Quiz:

Tom Dempsey set an NFL record with a 63-yard field goal in 1970. This was an astonishing kick in itself. What else made this such an achievement?

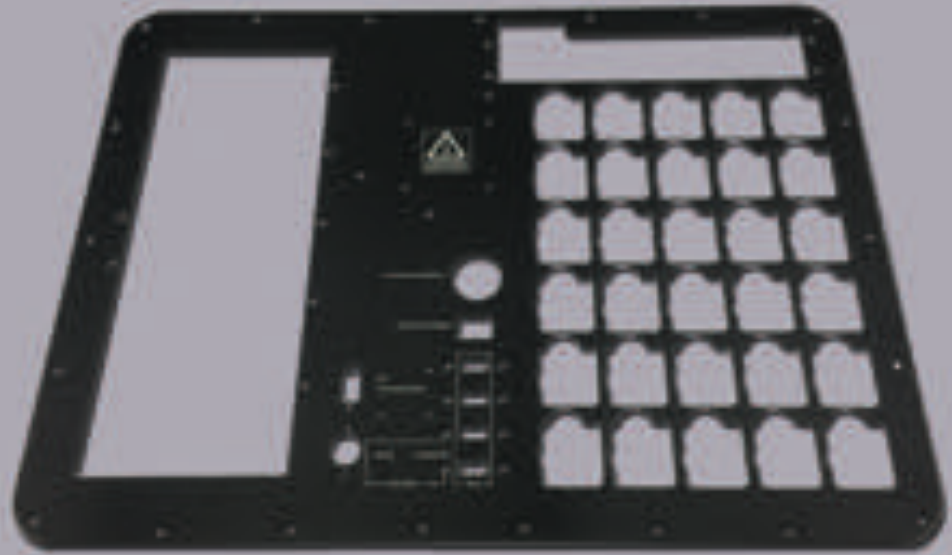
- a) He was missing half his foot.
- b) The ball had deflated after the kick.
- c) It was the first professional kick.
- d) It was a Super Bowl game.

\*Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to [www.metalwork.com](http://www.metalwork.com) and click on Problem of the Month link.

### Quote:

“Dull November brings the blast, then the leaves are whirling fast.”

Sara Coleridge



## From Start to Finish

November's featured part is a flat aluminum panel that is a part of a kit for a custom enclosure that is part of our customer's product line. This panel is first laser cut on our 3000W laser. The part then travels to our machine shop to be countersunk before being deburred. The next two operations, black anodizing and laser etching, are performed by vendors that Compucraft has worked closely with for decades. The relationships we have with our vendors are part of Compucraft's success, and allow us to provide completely finished parts to our customers.